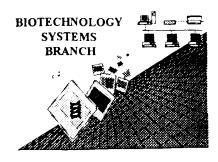
RAW SEQUENCE LISTING ERROR REPORT





The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:	09/743,247
Source:	P4/09
Date Processed by STIC:	8/3/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216. PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: <u>patin3help@uspto.gov</u> or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

http://www.uspto.gov/web/offices/pac/checker

Raw Sequence Listing Error Summary

ERROR DETECTED	suggested correction serial number: <u>09/74</u> 3, 247
ATTN: NEW RULES CASE	S: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE
1Wrapped Nucleics Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
2Invalid Line Length	The rules require that a line not exceed 72 characters in length. This includes white spaces.
3Misaligned Amino Numbering	The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
4Non-ASCII	The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
5Variable Length	Sequence(s) contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
6PatentIn 2.0 "bug"	A "bug" in Patentin version 2.0 has caused fire <220>-<223> section to be missing from amino acid sequences(s) Normally, Patentin would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
7Skipped Sequences (OLD RULES)	Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped
	Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
8 Skipped Sequences (NEW RULES)	Sequence(s) missing. If Intentional, please insert the following lines for each skipped sequence. <210> sequence id number <400> sequence id number 000
Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
0Invalid <213> Response	Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence
1Use of <220>	Sequence(s) missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
2PatentIn 2.0 "bug"	Please do not use "Copy to Disk" function of Patentln version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
3 Misuse of n	n can only be used to represent a single nucleotide in a nucleic acid sequence. N is not used to represent any value not specifically a nucleotide.

AMC/MH - Biotechnology Systems Branch - 08/21/2001

PCT09

RAW SEQUENCE LISTING DATE: 08/03/2001 PATENT APPLICATION: US/09/743,247 TIME: 16:29:03

Input Set : A:\ES.txt

Output Set: N:\CRF3\08032001\I743247.raw

3 <110> APPLICANT: Sagami Chemical Research Center; Protegene Inc.

5 <120> TITLE OF INVENTION: Human Proteins Having Hydrophobic Domains And DNAs Encoding

These

Proteins

8 <130> FILE REFERENCE: 661102

-> 10 <140> CURRENT APPLICATION NUMBER: US/09/743,247

10 <141> CURRENT FILING DATE: 1999-07-22

10 <150> PRIOR APPLICATION NUMBER: JP 10-208820

11 <151> PRIOR FILING DATE: 1998-07-24

13 <150> PRIOR APPLICATION NUMBER: JP 10-224105

14 <151> PRIOR FILING DATE: 1998-08-07

16 <150> PRIOR APPLICATION NUMBER: JP 10-238116

17 <151> PRIOR FILING DATE: 1998-08-25

19 <150> PRIOR APPLICATION NUMBER: JP 10-254736

20 <151> PRIOR FILING DATE: 1998-09-09

22 <150> PRIOR APPLICATION NUMBER: JP 10-275505

23 <151> PRIOR FILING DATE: 1998-09-29

25 <160> NUMBER OF SEQ ID NOS: 150

27 <170> SOFTWARE: Windows 95 (Word 98)

ERRORED SEQUENCES

519 <210> SEQ ID NO: 21 520 <211> LENGTH: 510 509 (2)

521 <212> TYPE: DNA

522 <213> ORGANISM: Homo sapiens

₩> 523 <220> FEATURE:

524 <221> NAME/KEY: CDS

525 <222> LOCATION: (66)...(443)

527 <400> SEQUENCE: 21 528 acgettgate eeeggeegeg gggeeaggaa gteggagttt gageeeegga ggeagagegg 60 529 ctgee atg gee aag tae etg gee eag ate att gtg atg gge gtg eag gtg 110 530 Met Ala Lys Tyr Leu Ala Gln Ile Ile Val Met Gly Val Gln Val 531 1 5 532 gtg ggc agg gcc ttt gca cgg gcc ttg cgg cag gag ttt gca gcc agc 158 533 Val Gly Arg Ala Phe Ala Arg Ala Leu Arg Gln Glu Phe Ala Ala Ser 20 25 535 egg gee gea get gat gee ega gga ege get gga eac egg tet gea gee 206 536 Arg Ala Ala Asp Ala Arg Gly Arg Ala Gly His Arg Ser Ala Ala 40 35 538 get tee aac ete tee gge ete age ete eag gag gea eag eag att ete 254 539 Ala Ser Asn Leu Ser Gly Leu Ser Leu Gln Glu Ala Gln Gln Ile Leu

540 50 55

541 aac gtg tee aag etg age eet gag gag gte eag aag aac tat gaa eac 542 Asn Val Ser Lys Leu Ser Pro Glu Glu Val Gln Lys Asn Tyr Glu His

70 75

544 tta ttt aag gtg aat gat aaa tee gtg ggt gge tee tte tae etg eag

302

350



PATENT APPLICATION: US/09/743,247

DATE: 08/03/2001 TIME: 16:29:03

Input Set : A:\ES.txt

Output Set: N:\CRF3\08032001\I743247.raw

```
545 Leu Phe Lys Val Asn Asp Lys Ser Val Gly Gly Ser Phe Tyr Leu Gln
     546 80
                            85
     547 toa aag gtg gtc cgc gca aag gag cgc ctg gat gag gaa ctc aaa atc
                                                                             398
     548 Ser Lys Val Val Arg Ala Lys Glu Arg Leu Asp Glu Glu Leu Lys Ile
                        100
                                           105
E--> 550 cag gcc cag gag gac aga gaa aaa ggg cag atg ccc cat acg tgactgctc
     551 Gln Ala Gln Glu Asp Arg Glu Lys Gly Gln Met Pro His Thr
                                        120
                   115
E--> 553 gctccccccg cccaccccgc cgcctctaat ttatagcttg gtaataaatt tctttctgc
     3553 <210> SEQ ID NO: 93
     3554 <211> LENGTH: 195
     3555 <212> TYPE: PRT
     3556 <213> ORGANISM: Homo (sapience)
     3558 <400> SEQUENCE: 93
     3559 Met Arg Leu Leu Leu Leu Leu Val Ala Ala Ser Ala Met Val Arg
                          5
                                              10
     3561 Ser Glu Ala Ser Ala Asn Leu Gly Gly Val Pro Ser Lys Arg Leu Lys
                     20
     3563 Met Gln Tyr Ala Thr Gly Pro Leu Leu Lys Phe Gln Ile Cys Val Ser
                                                                              iton 9
on Error
Summary
Sheet
E--> 356$ Xaa Gly Tyr Arg Arg Val Phe Glu Glu Tyr Met Arg Val Ile Ser Gln
     3566
                                  55
     3567 Arg Tyr Pro Asp Ile Arg Ile Glu Gly Glu Asn Tyr Leu Pro Gln Pro
                             70
                                                 75
     3568 65
     3569 Ile Tyr Arg His Ile Ala Ser Phe Leu Ser Val Phe Lys Leu Val Leu
                          85
     3571 Ile Gly Leu Ile Ile Val Gly Lys Asp Pro Phe Ala Phe Phe Gly Met
                 100
                                        105
     3573 Gln Ala Pro Ser Ile Trp Gln Trp Gly Gln Glu Asn Lys Val Tyr Ala
                 115
                                     120
     3575 Cys Met Met Val Phe Phe Leu Ser Asn Met Ile Glu Asn Gln Cys Met
             130
                                 135
     3577 Ser Thr Gly Ala Phe Glu Ile Thr Leu Asn Asp Val Pro Val Trp Ser
     3578 145
                             150
                                                 155
     3579 Lys Leu Glu Ser Gly His Leu Pro Ser Met Gln Gln Leu Val Gln Ile
                                             170
                         165
     3581 Leu Asp Asn Glu Met Lys Leu Asn Val His Met Asp Ser Ile Pro His
                                       185
     3583 His Arg Ser
     3584
                195
     4525 <210> SEQ ID NO: 116
     4526 <211> LENGTH: 1357
                                        Sapiens
     4527 <212> TYPE: DNA
     (-|-> 4529 <220> FEATURE:
    4530 <221> NAME/KEY: CDS
     4531 <222> LOCATION: (81)...(1262)
     4533 <400> SEQUENCE: 116
```

4534 cgtqcqtttq tqqccqtccq qcctccctqa catqcaqccc tctqqacccc qaggttggac



DATE: 08/03/2001 PATENT APPLICATION: US/09/743,247 TIME: 16:29:04

Input Set : A:\ES.txt

	4535	cct	acta:	tga i	caca	cta	rc a	tar co	та ас	ra c	to t	tc a	ac c	ta a	to to	מם כו	+ +	110
	4536	CCC	1 009	cgu.	caca.	JC Ca.			rg Il									110
	4537						• • •	1	- 9			5	J. 2.		Ju 1		10	
	4538	acc	cta	acc	tac	age	cct	att	cac	act	acc	cta	tica	aaq	tca			158
	4539																	130
	4540	mu	neu	7114	015	15	110	, 41		1111	20	Lou	DCI	2,5	001	25	1114	<i>(</i> : - 1
E>		aaa	aaa	acc	acc		ааσ	acd	cta	cta		aan	ant	сап	+++		gat	(203 206
F/	4542																	(203)
	4543	ц	212	mu	30	DCI		1 111	Lou	35	GIG	2,5	DCI	3111	40	001	p	
	4544	аад	cca	ata		gac	caa	aat	tta		ata	aca	gac	ctc	-	act	gag	254
	4545																	
	4546	$B_I U$		45	02		*** 5		50					55				
	4547	agt.	at.a		at.t.	gag	cat.	cac		tac	tac	t.ca	gca		acc	caa	gac	302
	4548	_		_				_	-		-	-	-	_	-		-	
	4549		60					65		- 1 -	-1-		70	_1 -)		
	4550	aga		ttt	act	aaa	gat	ata	cta	aac	tat	atc	act	сса	taa	aac	age	350
	4551	_			-		_	_	_			_					_	
	4552	75				1	80				4	85					90	
	4553	cat	qqc	tac	qat	qtc	acc	aaq	qtc	ttt	qqq	agc	aaq	ttc	aca	caq	atc	398
	4554				-	-		_	-			-	_					
	4555		-	•	•	95		1			100		-			105		
	4556	tca	ccc	gtc	tgg	ctg	cag	ctg	aag	aga	cgt	ggc	cgt	gag	atg	ttt	gag	446
	4557	Ser	Pro	Val	Trp	Leu	Gln	Leu	Lys	Arg	Arg	Gly	Arg	Glu	Met	Phe	Glu	
	4558				110					115					120			
	4559	gtc	acg	ggc	ctc	cac	gac	gtg	gac	caa	ggg	tgg	atg	cga	gct	gtc	agg	494
	4560	Val	Thr	Gly	Leu	His	Asp	Val	Asp	Gln	Gly	Trp	Met	Arg	Ala	Val	Arg	
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	4562	aag	cat	gcc	aag	ggc	ctg	cac	ata	gtg	cct	cgg	ctc	ctg	ttt	gag	gac	542
	4563	Lys	His	Ala	Lys	Gly	Leu	His	Ile	Val	Pro	Arg	Leu	Leu	Phe	Glu	Asp	
	4564		140					145					150					
	4565																	590
	4566	_	Thr	Tyr	Asp	Asp	Phe	Arg	Asn	Val	Leu	Asp	Ser	Glu	Asp	Glu	Ile	
	4567						160					165					170	
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	4569	Glu	Glu	Leu	Ser	_	Thr	Val	Val	Gln		Ala	Lys	Asn	Gln		Phe	
	4570					175					180					185		
	4571																	686
	4572	Asp	Gly	Phe		Val	Glu	Val	Trp		Gln	Leu	Leu	Ser		Lys	Arg	
	4573				190					195					200			
	4574	-					_				_	-					_	734
	4575	Val	Gly		Ile	His	Met	Leu		His	Leu	Ala	Glu		Leu	His	Gln	
	4576			205					210					215				-0
	4577	_			_	-		-	_		-							782
	4578	Ala	_	Leu	Leu	Ala	Leu		Val	He	Pro	Pro		He	Thr	Pro	GIY	
	4579		220		_ •			225					230			_ 4		0.2.0
	4580		_	_			_		_		_	_			_	-	-	830
	4581		Asp	GIN	Leu	GTÄ		rne	rnr	HlS	Lys		Рne	GIU	GIN	Leu		
	4582		-t-	~+-			240		a+ -	a+-		245	~	.			250	070
	4583	CCC	gtg	ctg	gat	ggt	CCC	agc	CLC	atg	acc	tac	gac	tac	CCT	aca	gcg	878



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Input Set : A:\ES.txt

45	84 Pi	ro	Val	Leu	Asp	Gly	Phe	Ser	Leu	Met	Thr	Tyr	Asp	Tyr	Ser	Thr	Ala	
45	85					255					260					265		
			_				aat	-		-			-	-	-	-	-	926
		İS	Gln	Pro	-	Pro	Asn	Ala	Pro		Ser	Trp	Val	Arg		Cys	Val	
45					270					275					280			07.
							aag											974
		Ln	Val		Asp	Pro	Lys	Ser	_	Trp	Arg	Ser	Lys		Leu	Leu	GIY	
459			220	285	+ - +	~~+	2+4	~~~	290	a a a	200	taa	229	295	900	aat	a	1022
							atg Met											1022
45		=u	300	rne	1 7 1	Gry	MEL	305	1 y 1	Ald	1111	261	310	АЗР	Ala	ALG	Giu	
		+		atc	aaa	acc	agg		atc	cad	aca	cta		gac	cac	agg	CCC	1070
			_	-		-	Arg			_		-	_	-				10/0
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			atq	ata	taa	qac	agc	caq	qcc	tca	qaq	cac	ttc	ttc	qaq	tac	aaq	1118
	-	-	_			-	ser	-	-								-	
460		_			-	335					340					345	-	
460	01 aa	ıg	agc	cgc	agt	ggg	agg	cac	gtc	gtc	ttc	tac	сса	acc	ctg	aag	tcc	1166
460	02 Ly	/S	Ser	Arg	Ser	Gly	Arg	His	Val	Val	Phe	Tyr	Pro	Thr	Leu	Lys	Ser	
460					350					355					360			
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		eu	Gln		Arg	Leu	Glu	Leu		Arg	Glu	Leu	Gly		Gly	Val	Ser	
460				365					370					375				
					_		cag		_	_				_	_		t	1260
		.e	_	Glu	Leu	GIĀ	Gln	385	Leu	Asp	Tyr	Phe	Tyr 390	Asp	Leu	Leu		
460		at	380	-a+ +	acar	reet	20 00		ra a co	r tat	tatt	·++a		rccat	aa :	arta:	agtgag	1320
	_	_					ct co			_			Laag	yccai	-yy c	ig cyc	igrgag	1357
	35 <2							acc	.cg c		Jeges	,						1557
	36 <2						•											
	37 <2						~(
573	38 <2	13	8> OF	RGANI	SM:	Homo	sar	oienc	ce '			,	/					
573	39 <2	220)> FE	EATUE	RE:				/			04)					
	10 <2											()-						
574	11 <2	222	2> LC	CAT I	ON:	(13)) (333))			()						
	13 <4																	
		tc	gact	cg c			ec ac											48
574					M∈		er Th	ır As	sn As		et Se	er As	sp Pi			rg Pi	co	
574		_				1				5					LO			0.6
							tac											96
574		11	гуѕ	15	Leu	ALG	Tyr	гуѕ	20	P10	PIO	Set	GIU	25	ASII	PLO	ніа	
		σ	gac		cca	aco	ccg	gac		ato	aac	cta	cta		ato	atc	ttc	144
							Pro											744
575			30			1111		35	-1-			Leu	40	J + 1			- 110	
		C		tac	qqc	ctc	atg		aaq	cta	aaq	taa		qct	taa	qtc	qct	192
							Met											
575				•	•		50		•		•	55	•		•		60	
575	i6 gt	.C	tac	tgc	tcc	ttc	atc	agc	ttt	gcc	aac	tct	cgg	agc	tcg	gag	gac	240



PATENT APPLICATION: US/09/743,247 TIME: 16:29:04

DATE: 08/03/2001

Input Set : A:\ES.txt

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	5759																	288
	5760	Thr	Lys	Gln		Met	Ser	Ser	Phe		Leu	Ser	Ile	Ser		Val	Val	
	5761				80					85					90			(340) 334
E>	5762	_			_	_			_		_	_						340
	5763	мет	ser	-	Leu	GIN	Asn	Pro		Pro	мет	Inr	Pro	105	rp			
	5764	+ 0.0	taga	95	at a a	2200	7t 0:	000+1	100	x 200	aatat	tata	taa		7.7.0	ataa	aattta	390
																	gctttg	4 50
																	tetegg taceee	510
																	gggtat	570
	5769		_				_	-				_	_	_		clay	gggtat	619
			_			-		Jorgi	LLYLI	L aai	Laaay	gitt	LLC	acto	1 9			0.1.3
	5976 5977						7											
	5978					102	. - .											
	5979					Цото	رکوی کر	/ nian/	30									
612	5980					пош	Joan	rend	.e 									
die	5981					CDS												
	5982			•			١ .	11090))									
	5984						,	(10)	,									30 -1
F>	5985						-c -c	raaca	recet	cto	ימממי	atcc	gagg	cca	aca o	TOACO	•	(58)55
E/	5986																	(58) 103
	5987																	200
	5988	1	1 110		001	5		DCI	DCI		10	+ 1 +	LIO			15	561	
	5989		agc	ctt	cta	cta	atc	ccc	agt	acc		tcc	ctc	ct.a	ata		ctc	151
	5990	_	_		_	_	_		_	-				-				
	5991	2,0	001	Dea	20	200	,		201	25	204		204	-50-0	30			
	5992	ctc	cta	cct.	cac	t.ac	caσ	aaσ	ctc	ttt	ata	tat	gac	ctt	cac	qca	atc	199
	5993																	
	5994			35		1		1	40			•	•	45				
	5995	aaq	aac	qac	ttc	caq	att	tgg	agg	ttg	ata	tqt	qqa	aga	ata	att	tqc	247
	5996																	
	5997	-	50	•				55	,			-	60				-	
	5998	ctt	gat	ttg	aaa	gat	act	ttc	tgc	agt	agt	ctg	ctt	att	tat	aat	ttt	295
	5999		-	-		_			_	_	_	_						
	6000	65					70					75					80	
	6001	agg	ata	ttt	gaa	aga	aga	tat	gga	agc	aga	aaa	ttt	gca	tcc	ttt	ttg	343
	6002																Leu	
	6003					85					90					95		
	6004																	391
	6005	Leu	Gly	Ser	Trp	Val	Leu	Ser	Ala	Leu	Phe	Asp	Phe	Leu	Leu	Ile	Glu	
	6006				100					105					110			
	6007	gct	atg	cag	tat	ttc	ttt	ggc	atc	act	gca	gct	agt	aat	ttg	cct	tct	439
	6008	Ala	Met	Gln	Tyr	Phe	Phe	Gly	Ile	Thr	Ala	Ala	Ser	Asn	Leu	Pro	Ser	
	6009			115					120					125				
	6010																	487
	6011	Gly		Leu	Ala	Pro	Val		Ala	Leu	Phe	Val		Phe	Tyr	Cys	Ser	
	6012		130					135					140					
																	a i leda a	



DATE: 08/03/2001 PATENT APPLICATION: US/09/743,247 TIME: 16:29:05

Input Set : A:\ES.txt

6013																	535
6014		Pro	Arg	Val	GIn		Ala	Gln	He	Leu		Pro	Leu	Ser	He		
6015						150					155					160	500
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6017	Asn	Lys	Thr	Leu		Tyr	He	Leu	GIÀ		Gin	Leu	Pne	Thr		GLY	
6018					165					170			4		175		(21
6019																	631
6020	Ser	Tyr	He		He	Val	Ala	11e		GIY	Leu	Met	ser		Leu	Cys	
6021				180					185					190			C70
6022																	679
6023	ryr	Asp		Lys	мет	Pne	GIn		HIS	GIn	vaı	Leu		ile	Pro	ser	
6024			195					200					205				707
6025		_	_					-									727
6026	Trp		Ala	Lys	Phe	Phe		Trp	Thr	Leu	GIU		Пе	Pne	Ser	ser	
6027		210					215					220					775
6028																	775
6029		Glu	Pro	Thr	Ser		Ala	Arg	11e	GIY		GLY	Ala	Thr	Leu		
6030						230					235					240	022
6031		_	_	_	_	_	_		_	_	_		_	-	_		823
6032	TTe	GIn	Arg	GIN		Arg	мет	Glu	Leu		Asp	Arg	GIN	Leu		Pne	
6033					245					250					255		071
6034																	871
6035	Ser	GIn	Phe		GIn	GIY	Arg	Arg		Arg	GIn	GIn	GIn	-	GIA	мет	
6036				260					265					270			010
6037																	919
6038	Пе	Asn	_	Asn	Arg	Leu	Pne		Pro	Leu	Arg	GIN	_	GIN	ASI	val	
6039			275					280					285				0.67
6040			_				_				-	-					967
6041	ASI	_	GIII	GIÀ	GIY	Arg		ser	GIU	Pro	Ald		PIO	PIO	Leu	GIU	
6042	~++	290	~~~	~ ~ ~	000	at a	295	000	ata	2 t a	a 2 a	300	<i>aa</i> .	+++	taa	202	1015
6043 6044																	1013
6045		ser	Giu	GIU	GIII	310	ніа	AIG	Leu	Mec	315	мес	GIY	PHE	ser	320	
6046		ant.	aat	++~	a 2 2		ata	3.07.3	aat	+ 0.3		22+	a 2 a	ata	22+		1063
6047																	1005
6048	Gry	кар	AIG	ьец	325	ATG	пец	Alg	AIG	330	r 211	nan	кэр	ьец	335	Val	
6049	acc	acc	aac	ttc	. – .	cta	can	cac	trat		ree a	aaac	raaca	ac to			1110
6050	_								cgat	uyc	, , , ,	19900	Juuce		19		1110
6051	Alu	1111	Non	340	LCu	neu	GIII	1113									
	дасс	ragae	rca c		rcgac	rt da	cagt	acat	aat		racc	atca	gato	rag (יככמכ	ggacc	1170
																gccct	1230
																catgta	1290
																gtttt	1350
										_	_		-	-		ctccag	1410
																gggag	1470
																gttac	1530
																gagetg	1590
																ctagt	1650
																acttg	1710
				,,,,,,,			, ,	- 15		- 75		,,	,		_ , _ 0		



PATENT APPLICATION: US/09/743,247

DATE: 08/03/2001 TIME: 16:29:05

Input Set : A:\ES.txt

6062	ggttaatttt	gctcagagta	tccggagtta	gccactaggc	tgcgggtgaa	atgggatgga	1770
6063	gtagaacaac	agcaggcttc	ctggagccac	atgggctgac	tagggcactc	tgtggctggc	1830
	ctggcacggg						1890
6065	agggctaact	gcctggccct	cctggctcgc	agccagccag	ccccctggca	gcaggttctc	1950
6066	ctcagggctt	gggtcttcaa	cctgtggcga	caggaggcag	ggcagactgt	ggaggacagg	2010
6067	atgcaggtca	gggagaggga	aggcaggggt	ggaccgccat	gagcatgaaa	agacccgaag	2070
6068	caagttgact	cttgcaatgt	gcaactgtta	tgttctgcaa	aatgagcaac	gatgtatcaa	2130
6069	attgatgcaa	atttagatgt	tgatacttac	aataaagttt	ttaatgtgtt	tt	2182



DATE: 08/03/2001 TIME: 16:29:06

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/743,247

Input Set : A:\ES.txt

Output Set: N:\CRF3\08032001\I743247.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date L:523 M:283 W: Missing Blank Line separator, <220> field identifier L:550 M:254 E: No. of Bases conflict, LENGTH:Input:450 Counted:449 SEQ:21 M:254 Repeated in SeqNo=21 L:553 M:252 E: No. of Seq. differs, <211>LENGTH:Input:510 Found:509 SEQ:21 L:559 M:283 W: Missing Blank Line separator, <220> field identifier L:601 M:283 W: Missing Blank Line separator, <220> field identifier L:674 M:283 W: Missing Blank Line separator, <220> field identifier L:740 M:283 W: Missing Blank Line separator, <220> field identifier L:778 M:283 W: Missing Blank Line separator, <220> field identifier L:827 M:283 W: Missing Blank Line separator, <220> field identifier L:888 M:112 C: (48) String data converted to lower case, L:910 M:283 W: Missing Blank Line separator, <220> field identifier L:946 M:283 W: Missing Blank Line separator, <220> field identifier L:986 M:283 W: Missing Blank Line separator, <220> field identifier L:1618 M:283 W: Missing Blank Line separator, <220> field identifier L:1690 M:283 W: Missing Blank Line separator, <220> field identifier L:1749 M:283 W: Missing Blank Line separator, <220> field identifier L:1853 M:283 W: Missing Blank Line separator, <220> field identifier L:1889 M:283 W: Missing Blank Line separator, <220> field identifier L:1942 M:283 W: Missing Blank Line separator, <220> field identifier L:2025 M:283 W: Missing Blank Line separator, <220> field identifier L:2085 M:283 W: Missing Blank Line separator, <220> field identifier L:2121 M:283 W: Missing Blank Line separator, <220> field identifier L:2169 M:283 W: Missing Blank Line separator, <220> field identifier L:2780 M:283 W: Missing Blank Line separator, <220> field identifier L:2858 M:283 W: Missing Blank Line separator, <220> field identifier L:2911 M:283 W: Missing Blank Line separator, <220> field identifier L:2997 M:283 W: Missing Blank Line separator, <220> field identifier L:3057 M:283 W: Missing Blank Line separator, <220> field identifier L:3099 M:283 W: Missing Blank Line separator, <220> field identifier L:3189 M:283 W: Missing Blank Line separator, <220> field identifier L:3227 M:283 W: Missing Blank Line separator, <220> field identifier L:3373 M:283 W: Missing Blank Line separator, <220> field identifier L:3412 M:283 W: Missing Blank Line separator, <220> field identifier L:3565 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:93 L:4104 M:283 W: Missing Blank Line separator, <220> field identifier L:4192 M:283 W: Missing Blank Line separator, <220> field identifier L:4270 M:283 W: Missing Blank Line separator, <220> field identifier L:4285 M:258 W: Mandatory Feature missing, <223> not found for SEQ ID#:113 L:4285 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:113 L:4332 M:283 W: Missing Blank Line separator, <220> field identifier L:4414 M:283 W: Missing Blank Line separator, <220> field identifier L:4529 M:283 W: Missing Blank Line separator, <220> field identifier L:4541 M:254 E: No. of Bases conflict, LENGTH:Input:203 Counted:206 SEQ:116 L:4617 M:283 W: Missing Blank Line separator, <220> field identifier L:4668 M:283 W: Missing Blank Line separator, <220> field identifier



VERIFICATION SUMMARY

PATENT APPLICATION: US/09/743,247 TIME: 16:29:06

DATE: 08/03/2001

Input Set : A:\ES.txt

			Missing Blank Line separator, <220> field identifier
L:4788	M:283	W:	Missing Blank Line separator, <220> field identifier
L:5453	M:283	W:	Missing Blank Line separator, <220> field identifier
L:5566	M:283	W:	Missing Blank Line separator, <220> field identifier
L:5670	M:283	W:	Missing Blank Line separator, <220> field identifier
L:5739	M:283	W:	Missing Blank Line separator, <220> field identifier
L:5762	M:254	E:	No. of Bases conflict, LENGTH:Input:340 Counted:330 SEQ:144
L:5775	M:283	W:	Missing Blank Line separator, <220> field identifier
L:5833	M:283	W:	Missing Blank Line separator, <220> field identifier
L:5906	M:283	W:	Missing Blank Line separator, <220> field identifier
L:5945	M:283	W:	Missing Blank Line separator, <220> field identifier
L:5980	M:283	W :	Missing Blank Line separator, <220> field identifier
L:5985	M:254	E:	No. of Bases conflict, LENGTH:Input:58 Counted:55 SEQ:149
L:6075	M:283	W:	Missing Blank Line separator, <220> field identifier